

ABSTRACT OF THE DISCLOSURE

MONITORING SYSTEM AND METHOD FOR FLUID DISPENSING SYSTEM

5 An apparatus for monitoring an operation of a fluid dispensing gun
dispensing a pattern of fluid onto a substrate moving with respect to the
dispensing gun. The dispensing gun changes operating states in response to
transition signals. A sensor is disposed adjacent the substrate and provides
feedback signals in response to detecting edges of the fluid dispensed onto the
substrate. A diagnostic monitor is responsive to the transition and feedback
10 signals and automatically measures delays between occurrences of the
transition signals and detecting corresponding edges of the fluid deposited onto
the substrate resulting from the transition signals. The delays are measured by
correlating the feedback signals to the transition signals. A method for
measuring the delays is also described and claimed.

100941-10201
T0620T TEE00T